

10/549518

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 14 SEP 2005

Applicant(s) : Stephen P. Massia *et al.*  
Serial No. : To be assigned  
Date of Filing : September 14, 2005  
Title : *STABLE RGD PEPTIDOMIMETIC COMPOSITION*  
USPTO Customer No.: 26707  
Art Unit : To be assigned  
Examiner : To be assigned  
Attorney Docket No. : 112624.00022

---

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

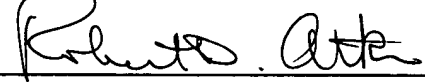
Applicant hereby brings to the attention of the Examiner the documents noted on the accompanying Form PTO-1449. This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action.

It is respectfully requested that the information cited herein be expressly considered during the prosecution of this application and made of record on any patent to issue therefrom. Inclusion of a reference on the enclosed Form PTO-1449 is not to be construed as indicating the reference is prior art with respect to the subject application. Submission of this Information Disclosure Statement is not to be taken as evidence that a search has been conducted.

The Commissioner is authorized to charge any fees due in connection with this filing and during the pendency of this application, to Deposit Account No. 17-0055.

Respectfully submitted,  
**QUARLES & BRADY STREICH LANG, LLP**

September 14, 2005

By:   
Robert D. Atkins  
Reg. No. 34,288

**Address all correspondence to:**  
Robert D. Atkins  
One Renaissance Square  
Two North Central Avenue  
Phoenix, AZ 85004  
Telephone: (602) 229-5311  
Facsimile: (602) 229-5690  
E-mail: rda@quarles.com

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

## Complete if Known

Application Number 10/549518  
Filing Date  
First Named Inventor Massia, Stephen P.  
Art Unit  
Examiner Name  
Attorney Docket Number 112624.00022

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A	US-2002/0119932 A1	08/29/2002	Facciano et al.	
	B	US-4,879,119	11/07/1989	Konno et al.	
	C	US-4,921,475	05/01/1990	Sibalis, D.	
	D	US-4,925,673	05/15/1990	Steiner et al.	
	E	US-5,008,110	04/16/1991	Benecke et al.	
	F	US-5,013,556	05/07/1991	Woodle et al.	
	G	US-5,087,240	02/11/1992	Sibalis, D.	
	H	US-5,088,977	02/18/1992	Sibalis, D.	
	I	US-5,163,899	11/17/1992	Sibalis, D.	
	J	US-5,164,189	11/17/1992	Farhadieh et al.	
	K	US-5,254,346	10/19/1993	Tucker et al.	
	L	US-5,284,656	02/08/1994	Platz et al.	
	M	US-5,290,561	03/01/1994	Farhadieh et al.	
	N	US-5,336,168	08/09/1994	Sibalis, D.	
	O	US-5,352,456	10/04/1994	Fallon et al.	
	P	US-5,407,713	04/18/1995	Wilfong et al.	
	Q	US-5,451,569	09/19/1995	Wong et al.	
	R	US-5,336,213	08/09/1994	D'Angelo et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		NONE				

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

**Complete if Known**  
 518  
 To be assigned

Application Number	To be assigned
Filing Date	September 14, 2005
First Named Inventor	Massia, Stephen P.
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	112624.00022

**(Use as many sheets as necessary)**

Sheet	1	of	2
-------	---	----	---

[illegible][illegible]Date  
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

1956770

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	112624.00022
				Filing Date	September 14, 2005
				First Named Inventor	Massia, Stephen P.
				Art Unit	To be assigned
				Examiner Name	To be assigned
				Attorney Docket Number	112624.00022

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	U	Chandrasekaran et al., "Cell Contact-dependent Activation of $\alpha 3 \beta 1$ Integrin Modulates Endothelial Cell Responses to Thrombosponding-1", Mol. Biol. of the Cell, 11:2885-2900, 2000	
	V	Lee et al., "MG63 Osteoblastic Cell Adhesion to the Hydrophobic Surface Precoated with Recombinant Osteopontin Fragments", Biomaterials, 24:1059-1066, 2003	
	W	Massia et al., "Immobilized RGD Peptides on Surface-grafted Dextran Promote Biospecific Cell Attachment", J. Biomed Mater. Res., 56:390-399, 2001	
	X	Massia et al., "Surface-immobilized Dextran Limits Cell Adhesion and Spreading", Biomaterials, 21:2253-2261, 2000	
	Y	Mogford et al., "Vascular Smooth Muscle $\alpha v \beta 3$ Integrin Mediates Arteriolar Vasodilation in Response to RGD Peptides", Circ. Res., 79(4):821-826, 1996	
	Z	Remington's Pharmaceutical Sciences, Mack Publishing Co., Easton, Pa., 18th Edition, Chapter 89, 1990	
	AA	Schaefer, A., "Antiplatelet Therapy with Glycoprotein IIb/IIIa Receptor Inhibitors and Other Novel Agents", Tex Heart Inst. J., 24:90-96, 1997	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.